

FIG. 1A is a block diagram of a network system 100. The system 100 includes a central server 102, a database 110, and a network 120. The server 102 is connected to the database 110 and the network 120. The network 120 is connected to various client devices, including a mobile phone 112, a PDA 114, a laptop 116, a desktop computer 118, a satellite 104, a camera 106, and a monitor 108.

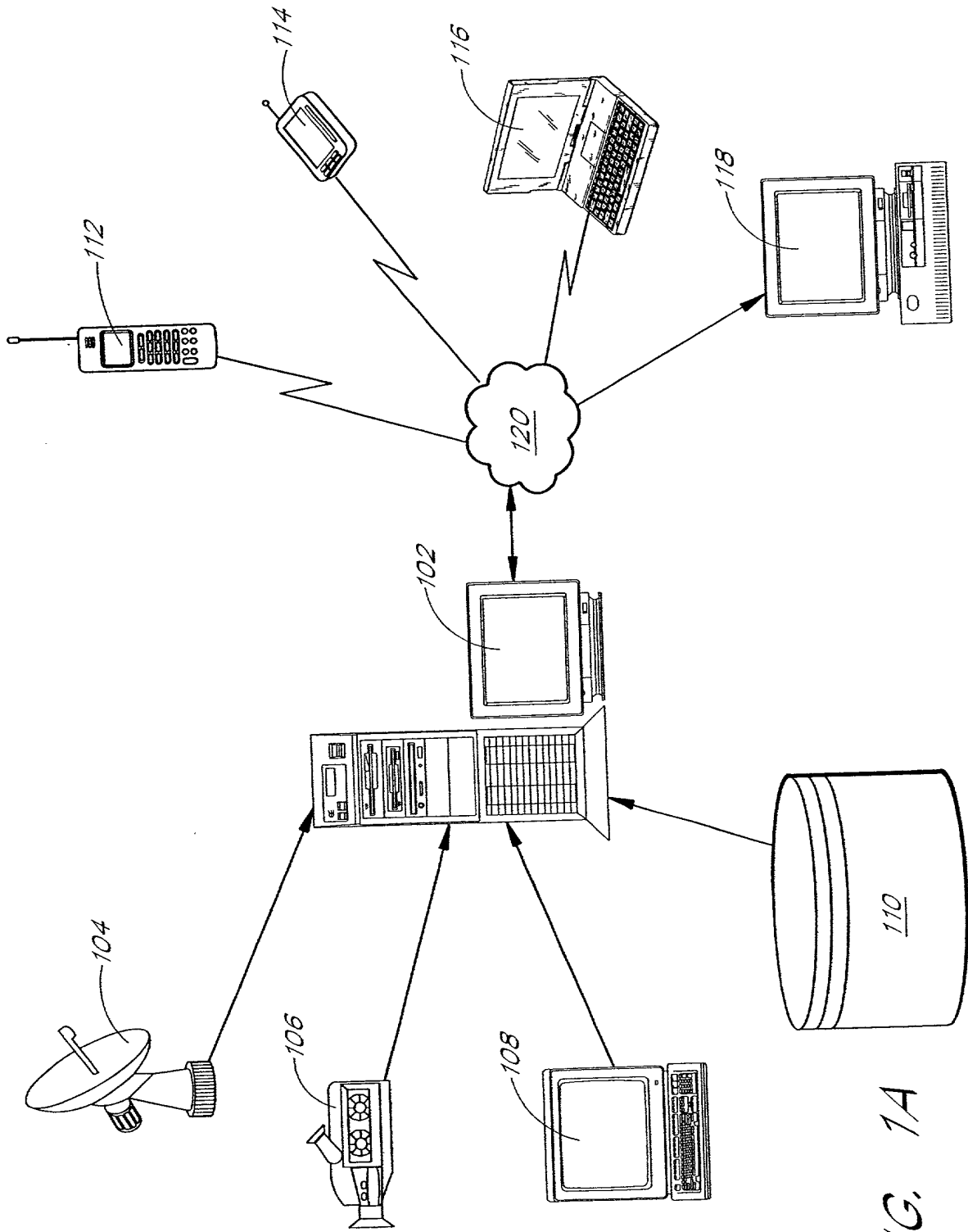


FIG. 1A

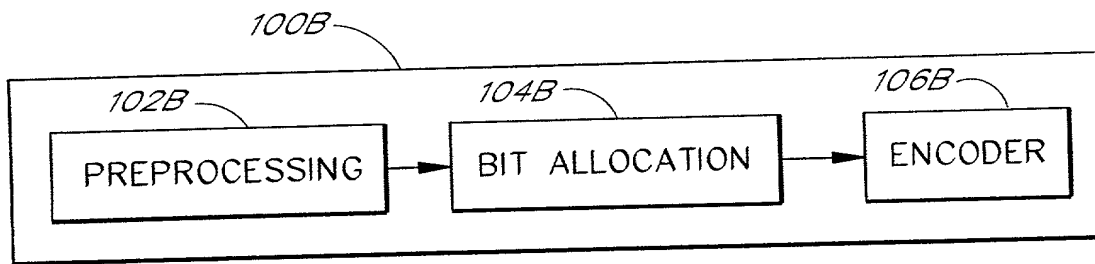


FIG. 1B

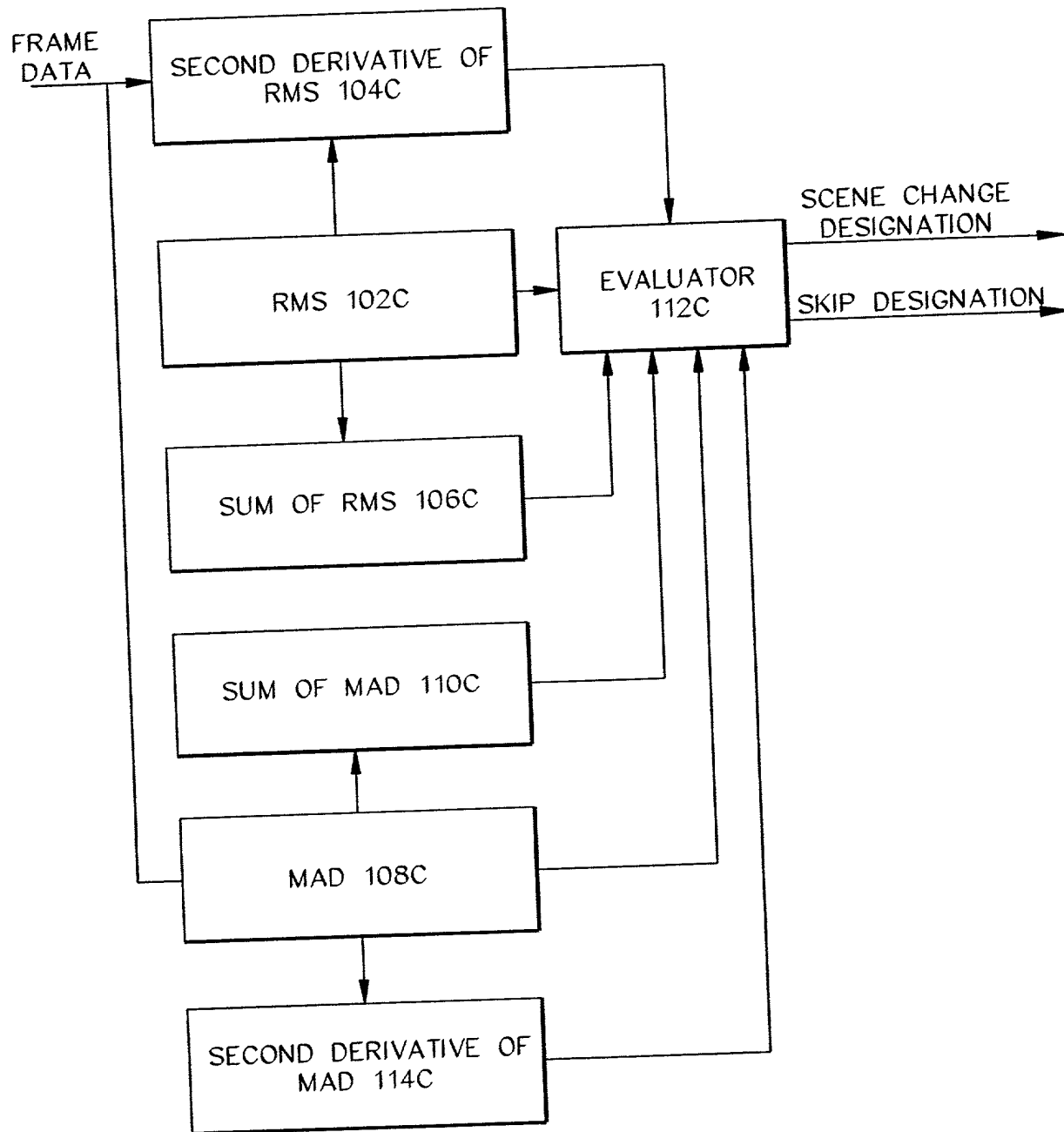


FIG. 1C

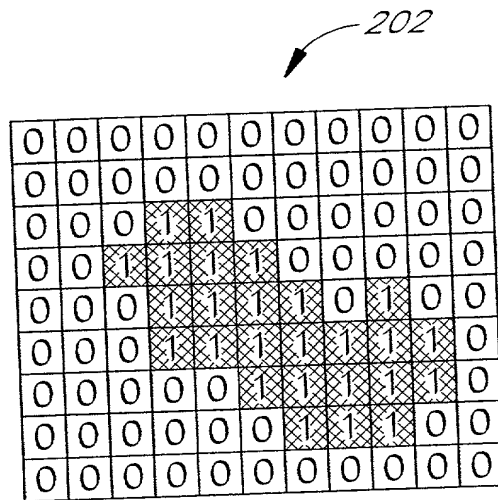


FIG. 2A
(PRIOR ART)

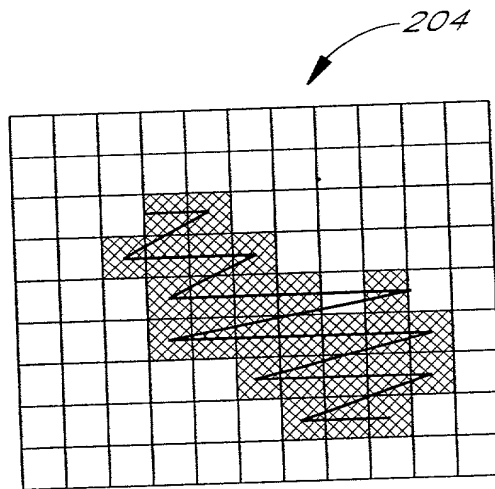
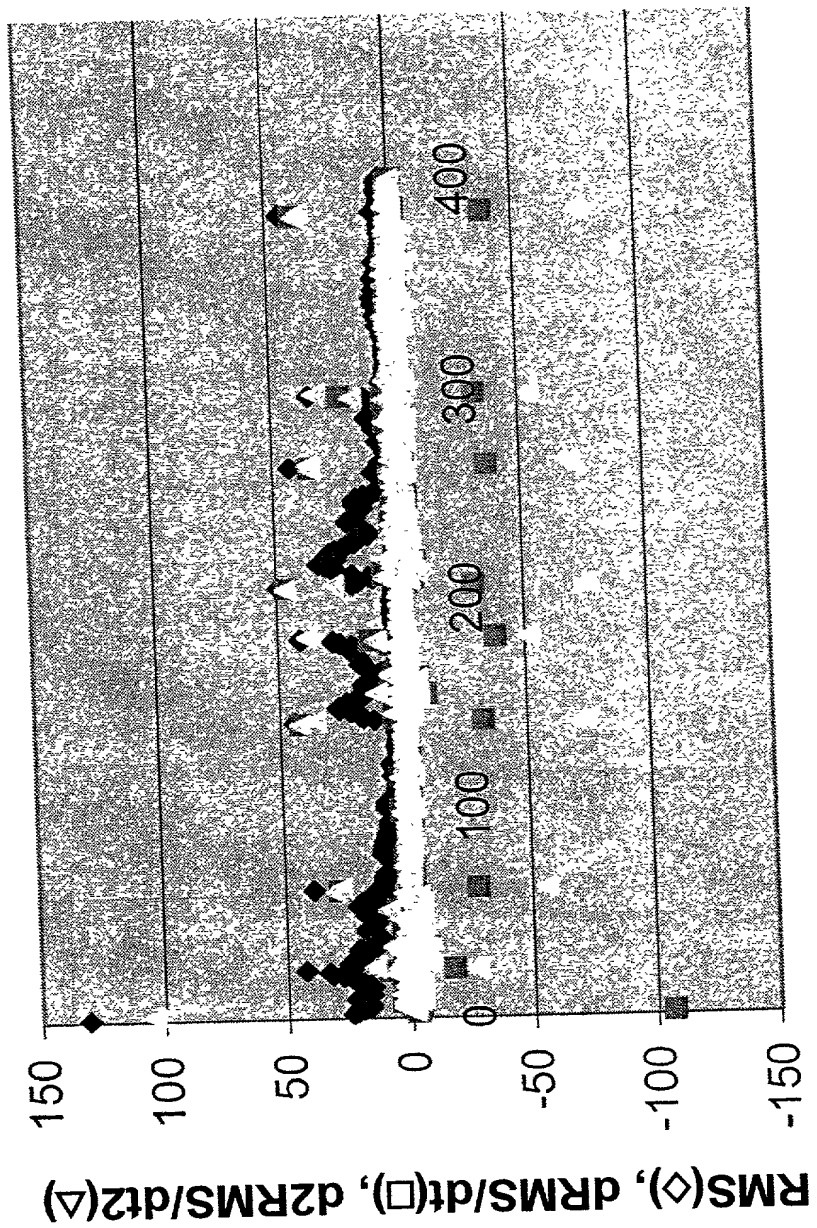


FIG. 2B
(PRIOR ART)



Frame number

FIG. 3

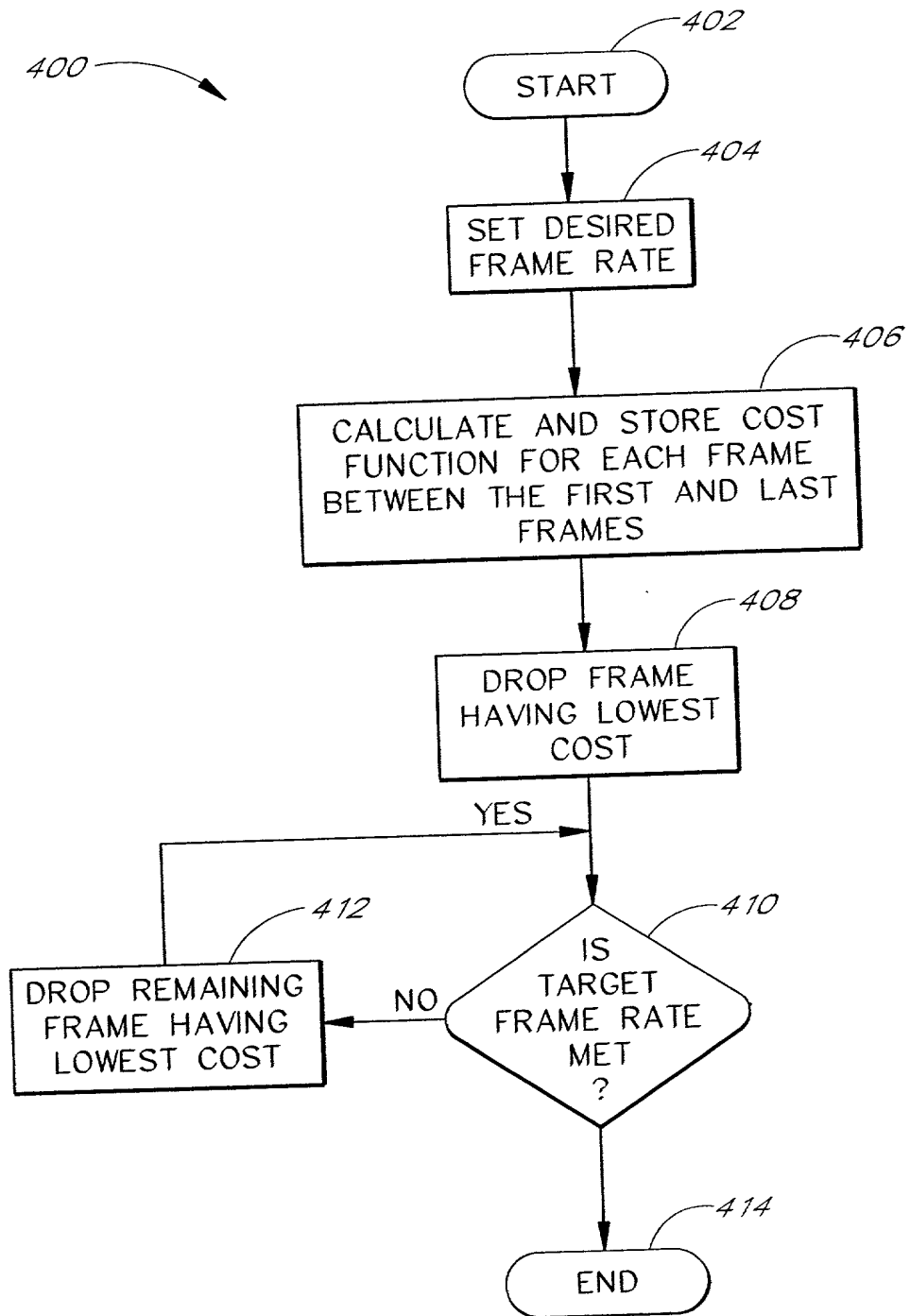


FIG. 4A

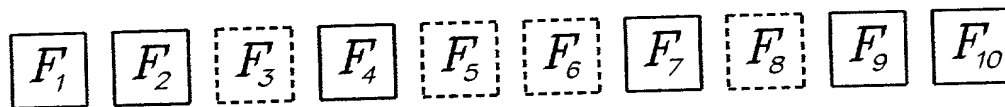


FIG. 4B

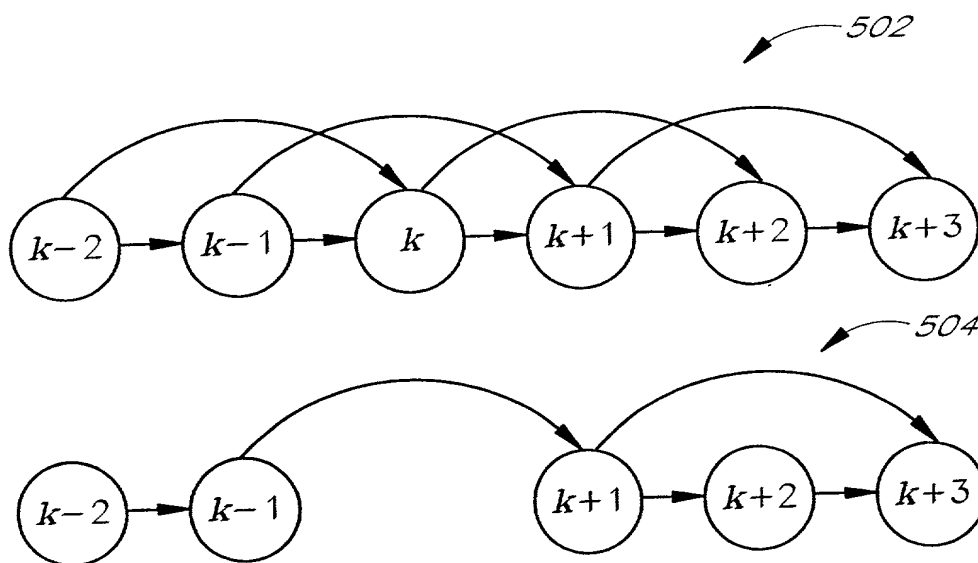


FIG. 5

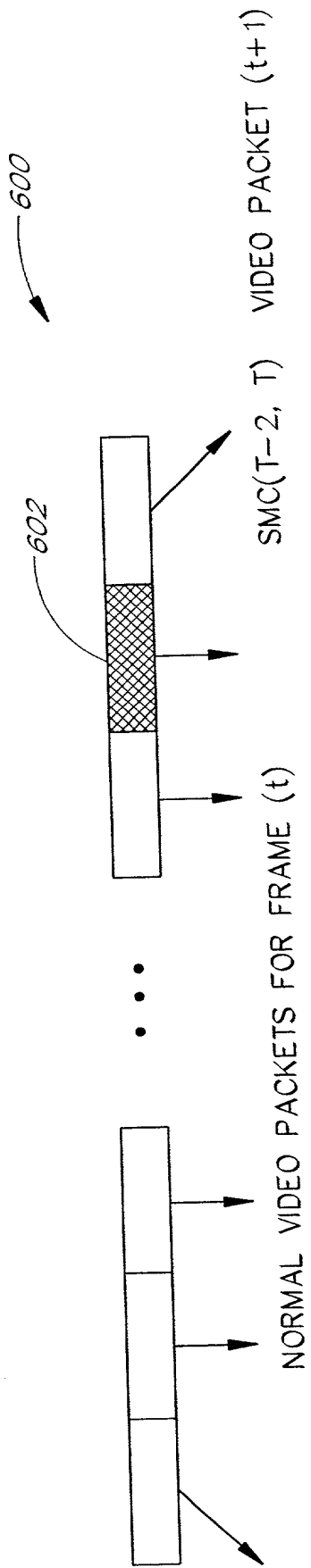


FIG. 6

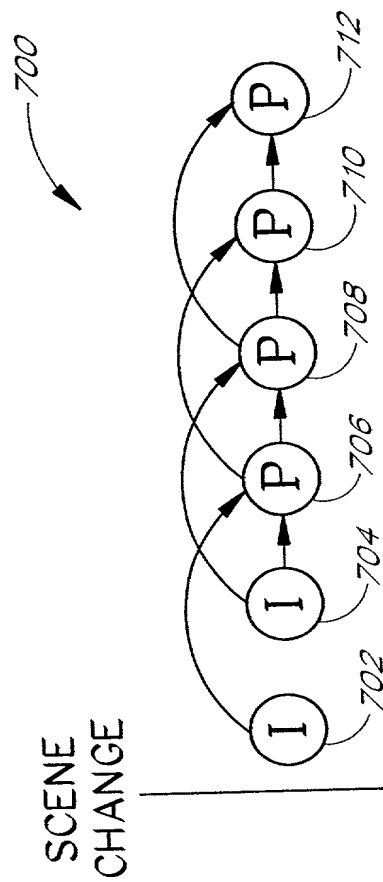
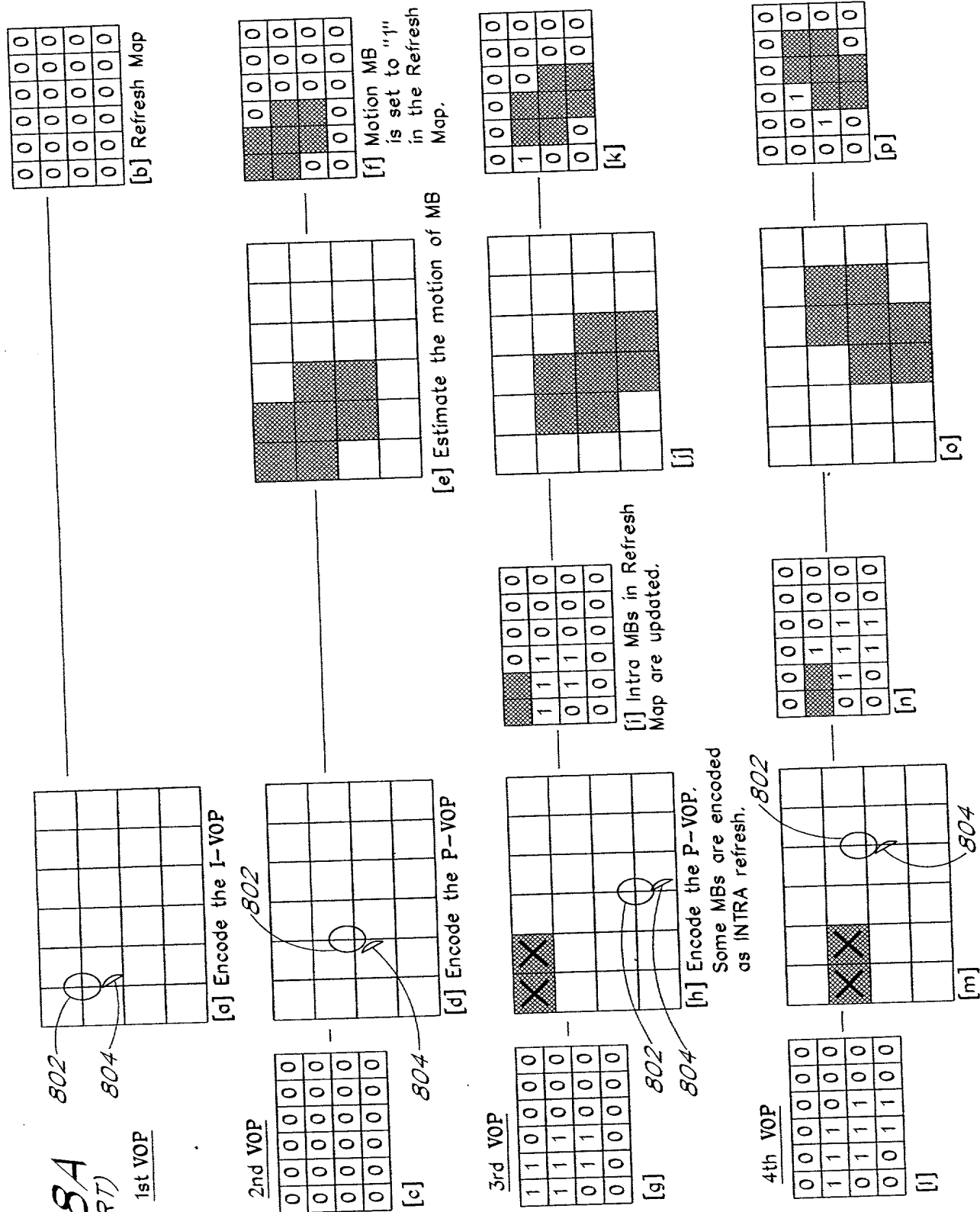


FIG. 7

FIG. 8A
(PRIOR ART)



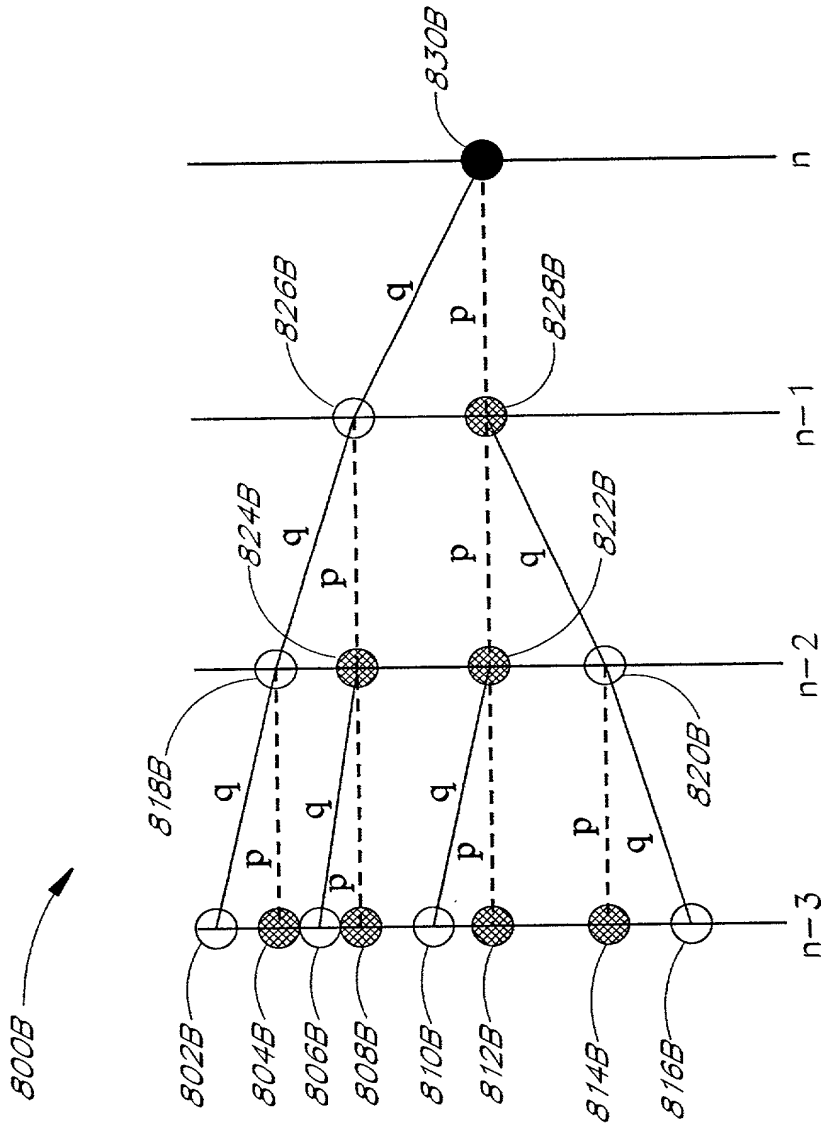


FIG. 8B

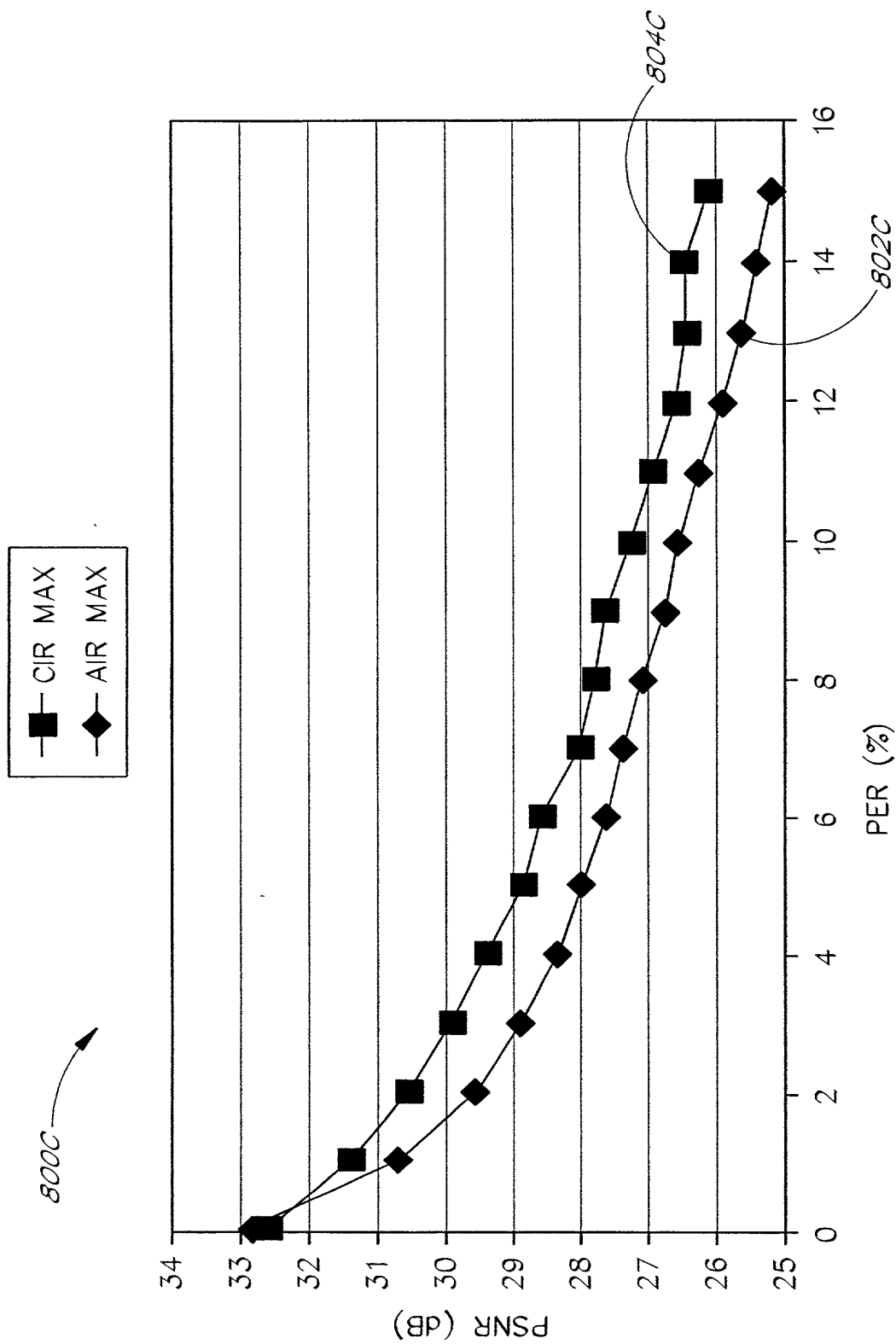
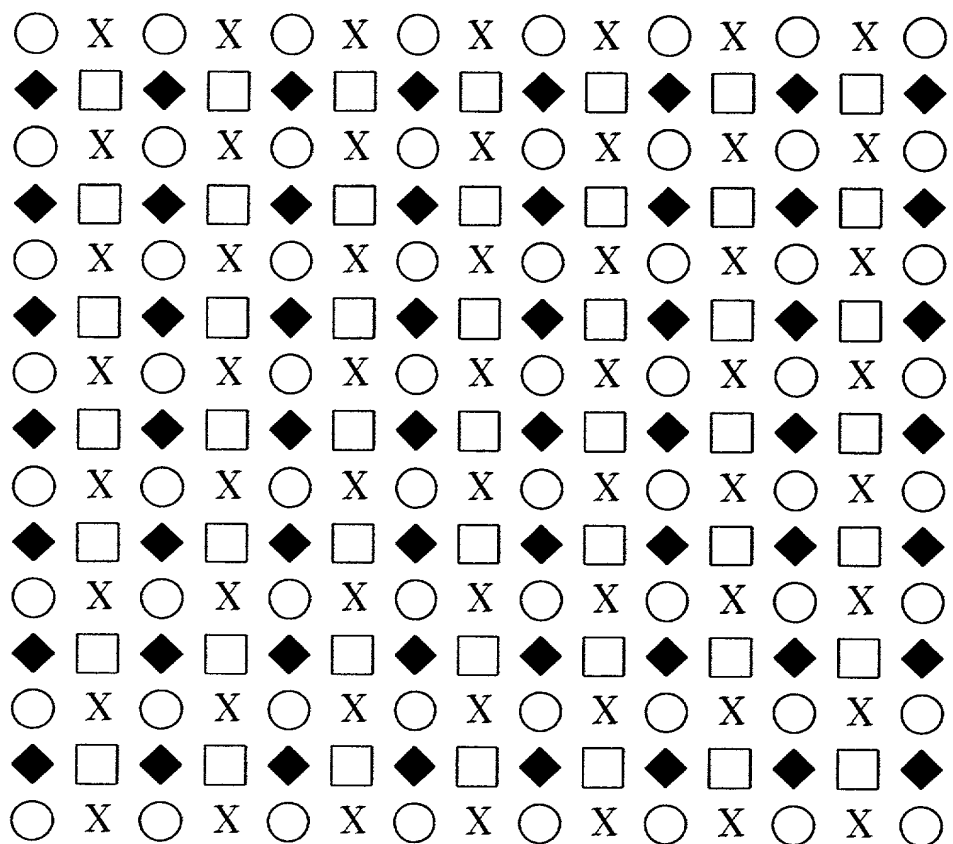


FIG. 8C



- = INTEGER PIXEL LOCATIONS
- X = HORIZONTAL HALF-PIXEL MOTION
- ◆ = VERTICAL HALF-PIXEL MOTION
- = HALF PIXEL MOTION IN BOTH HORIZONTAL AND VERTICAL DIRECTION

FIG. 8D

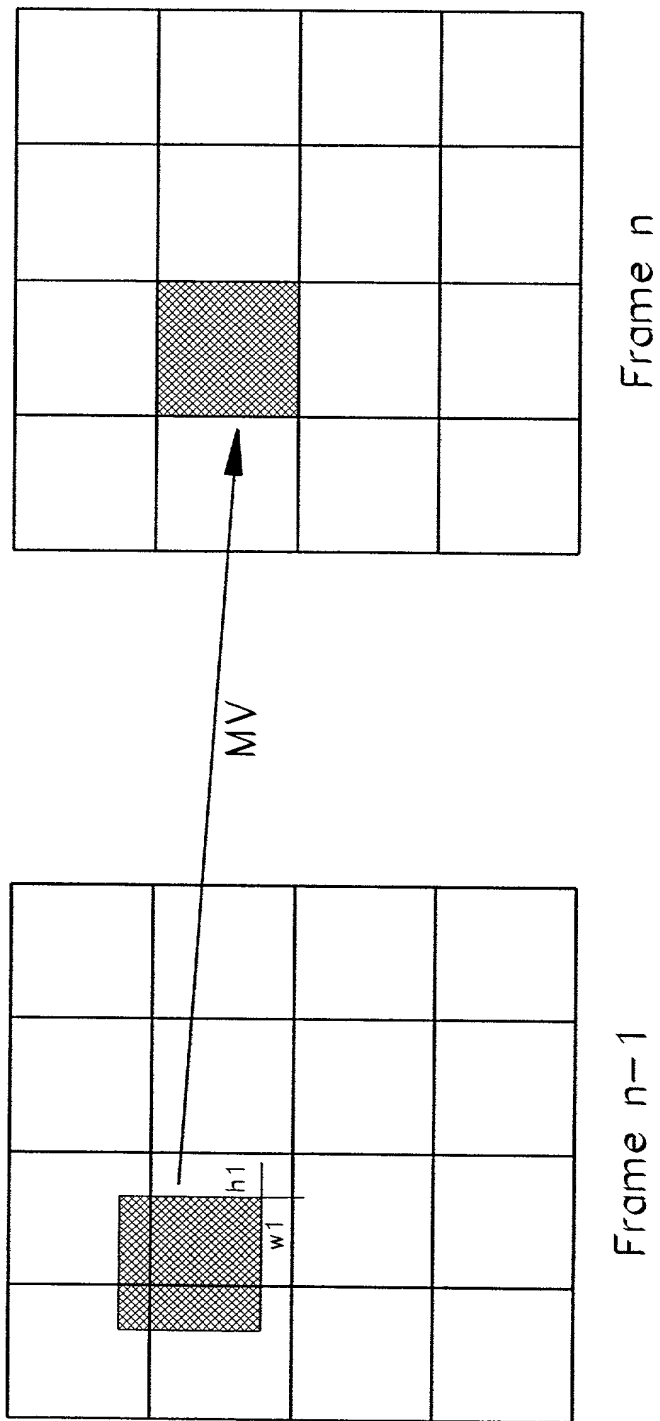


FIG. 8E

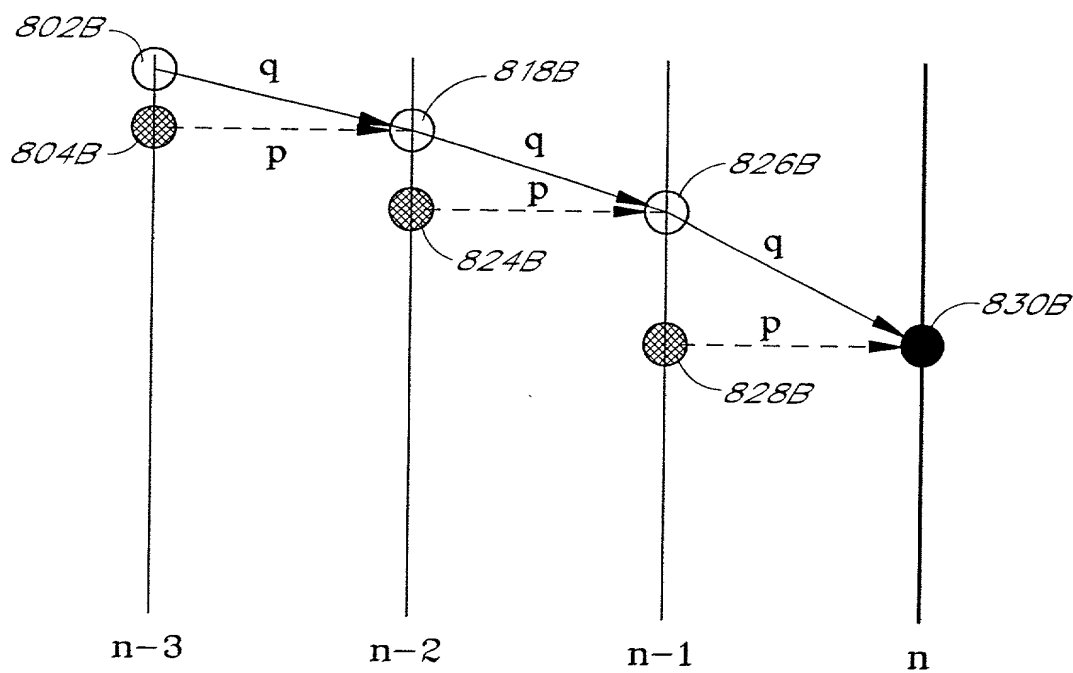


FIG. 8F

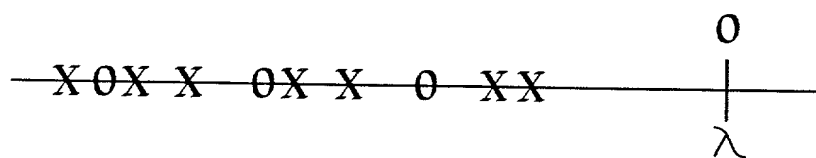
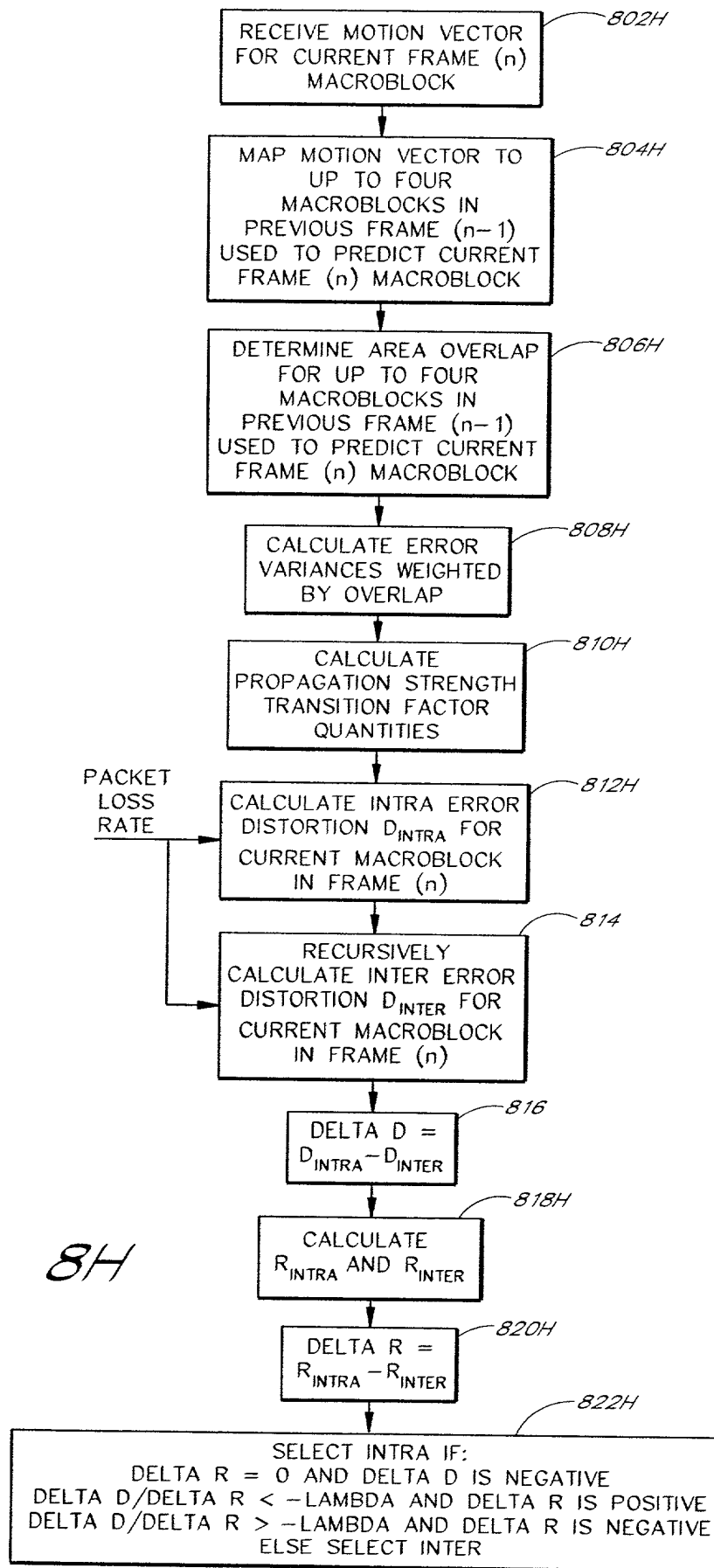


FIG. 8G



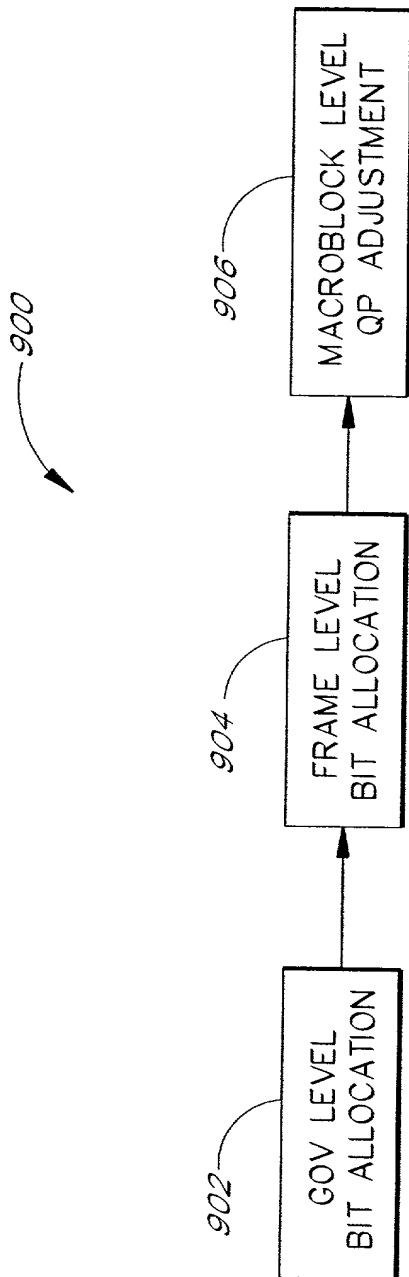


FIG. 9

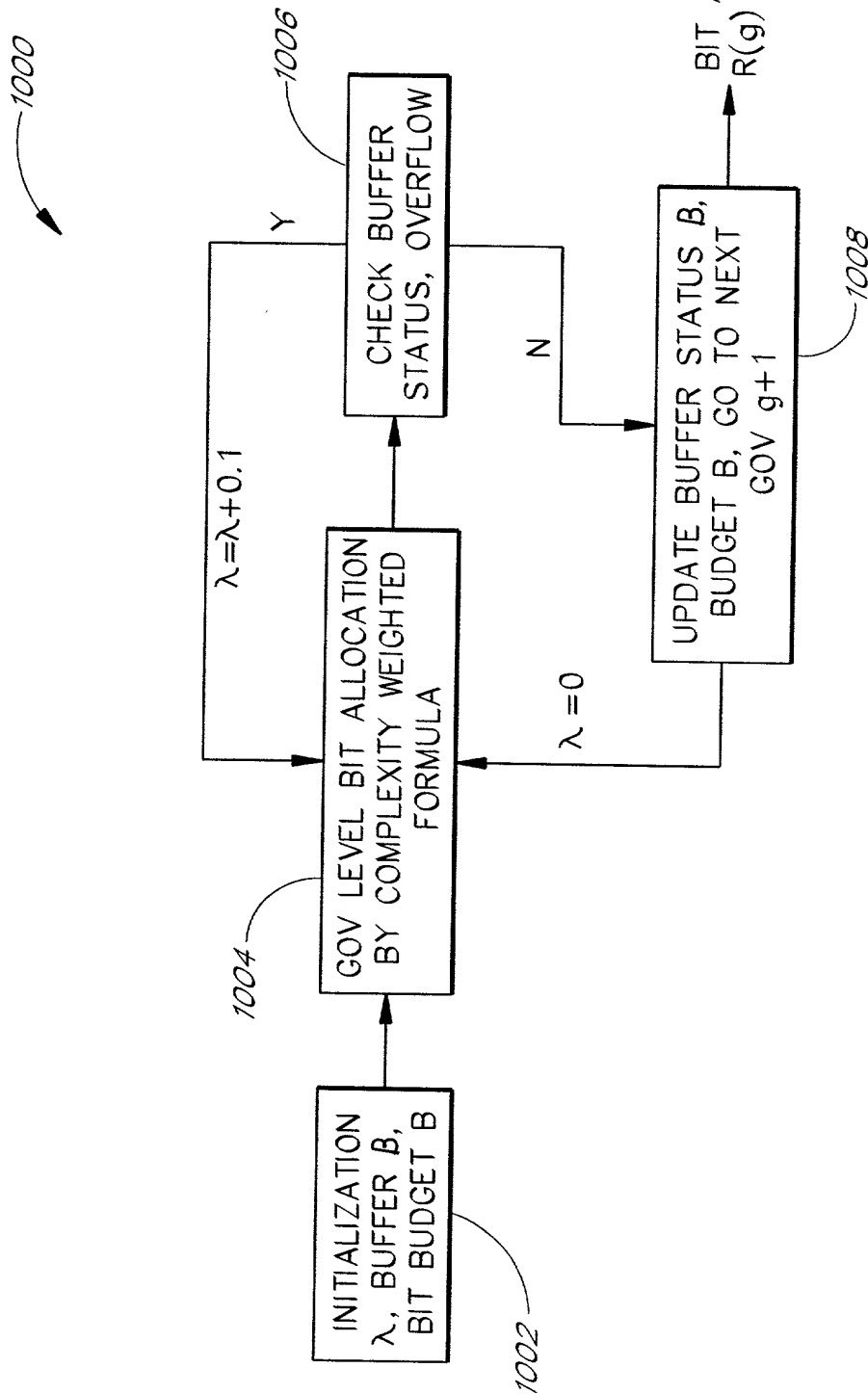


FIG. 10

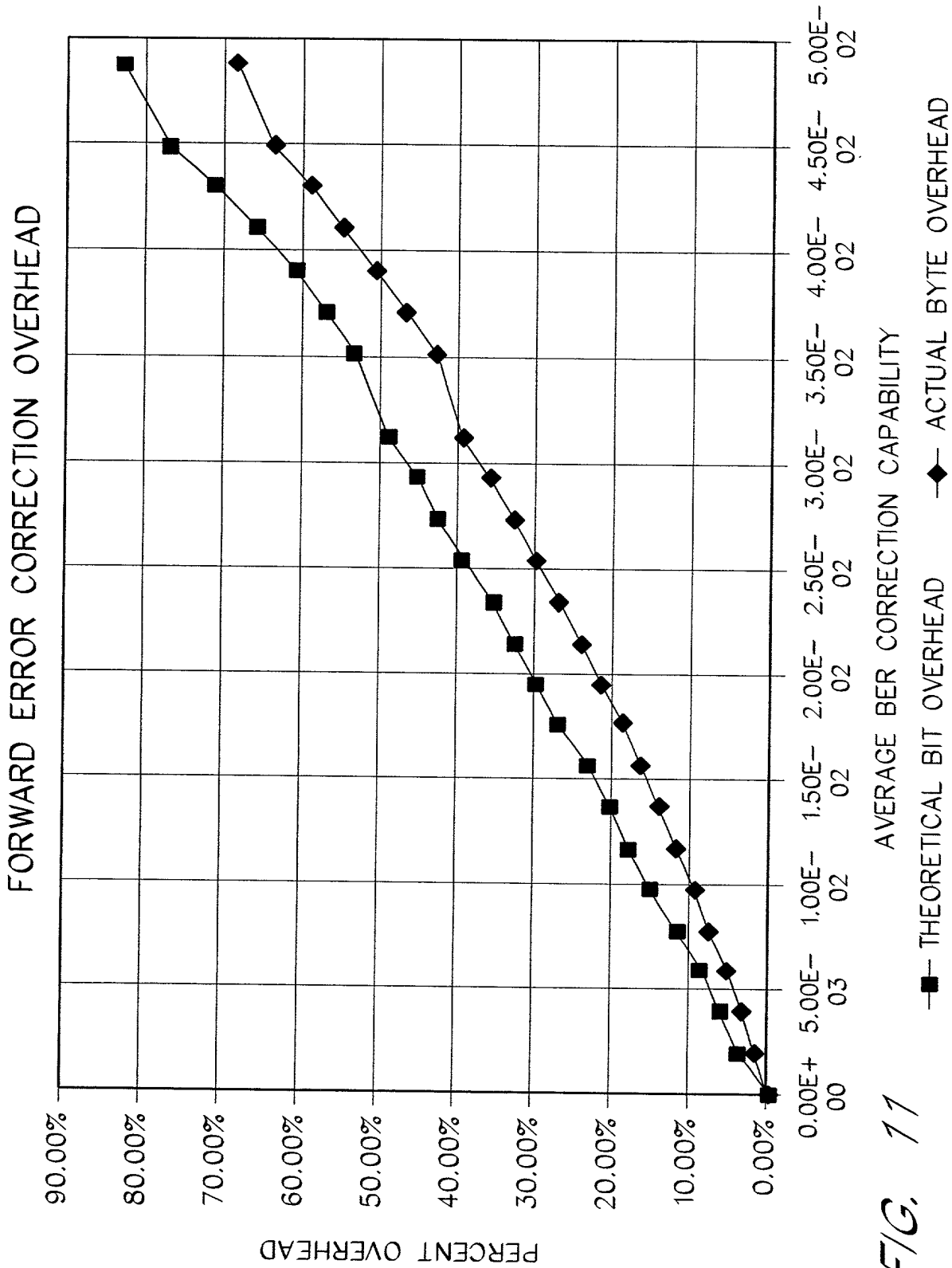


FIG. 11